

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L12	169	motor and synchronous and starter and stator and (field adj winding) and (((multi poly three "3") adj phase) multi\$1phase poly\$1phase three\$1phase "3"\$1phase)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 12:41
L13	94	l12 and AC and excitation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 12:41
L14	23	l13 and (position near3 (sensorless sensor\$1less deriving derived calculat\$3 comput\$3 determin\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 13:34
L15	525	(290/29,31,36).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/26 13:35
L16	24	l15 and synchronous and winding and position	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 13:48
L17	7511	(318/138,254,439,720-724).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/26 13:48
L19	493	l17 and rotor and position and (sensorless sensor\$1less)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 13:49
L20	349	l19 and field and stator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 13:50

## EAST Search History

L21	138	I20 and AC	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 13:51
L22	127	I21 and (multi\$1phase three\$1phase "3"\$1phase poly\$1phase ((multi poly three "3" ) adj phase))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 14:19
L23	1159	(318/561).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/26 14:20
L24	14	I23 and field and stator and AC	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 14:20
L25	8	(anghel and divito and morcov).inv.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 15:06

## EAST Search History

L26	187	("20040070362"   "3775974"   "3813589"   "3902073"   "3908161"   "4093869"   "4295085"   "4330743"   "4354126"   "4456830"   "4473752"   "4524316"   "4616166"   "4684081"   "4687961"   "4694210"   "4708030"   "4723106"   "4743777"   "4754220"   "4761703"   "4772802"   "4808903"   "4841216"   "4868406"   "4900231"   "4929021"   "4933623"   "4935686"   "4937508"   "4939441"   "4942493"   "4947100"   "4949021"   "4959595"   "4967334"   "4968926"   "4988939"   "4992721"   "5008801"   "5012177"   "5013929"   "5015927"   "5015941"   "5023527"   "5028803"   "5040366"   "5051670"   "5051680"   "5055700"   "5055764"   "5068590"   "5079494"   "5097195"   "5113125"   "5115418"   "5132604"   "5134349"   "5140245"   "5189353"   "5198733"   "5202613"   "5221881"   "5231338"   "5233275"   "5283471"   "5345125"   "5384527"   "5444349"   "5461293"   "5488286"   "5493200"   "5495162"   "5495163"   "5525877"   "5594322"   "6008618"   "6137258"   "6163127"   "6696812"   "6724168"   "6763622").PN. OR ("2002/0185986"   "2004/0232862"   "5363032"   "5384527"   "5493200"   "5920162"   "6924617").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/26 15:10
L27	116	l26 and stator and (AC (alternating adj current))	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/26 15:10
L28	90	l27 and position	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/26 15:22
L29	352	(702/151).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/26 15:26

## EAST Search History

L30	0	(rotor and sensorless and position and AC and excitation and winding and coil and stator and resolver).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 15:27
L31	0	(rotor and sensorless and position and AC and winding and coil and stator and resolver).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 15:27
L32	2	(rotor and position and AC and winding and coil and stator and resolver).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 15:27
S2	15	((("6396229") or ("6196650") or ("6157150") or ("6100656") or ("5986419") or ("5866998") or ("5518373") or ("5495162") or ("5493200") or ("5384527") or ("5166583") or ("5036264") or ("20020185986") or ("6301136") or ("5920162"))).PN.	US-PGPUB; USPAT	OR	OFF	2005/09/21 16:36
S3	674	(702/151,94).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/21 14:05
S4	5426	((702/150,145,36,41-43,60,66,71-72,113,115,145-147,150,79,64) or (340/660,664) or (700/304)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/21 15:39
S5	103696	"318".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/21 15:39
S6	2569120	rotate rotating	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/21 15:39

## EAST Search History

S7	2321	sensorless	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/21 15:39
S8	5170	"back EMF"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/21 15:40
S9	7240680	position angle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/21 15:41
S11	10	S4 and S6 and S8 and S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/21 15:47
S12	908	S5 and S6 and S8 and S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/21 15:48
S13	166	S12 and S7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/21 15:48
S14	64	S13 and synchronous	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/21 15:51
S15	8	("5747971") or ("5594322") or ("5585709") or ("5495163") or ("5493200") or ("20020079706") or ("20020041168") or ("5920162")). PN.	US-PGPUB; USPAT	OR	OFF	2005/09/22 07:29

## EAST Search History

S16	3	"position sensor emulator".ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/22 10:01
S17	4	(("20040052217") or ("5969491")). PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/23 08:37